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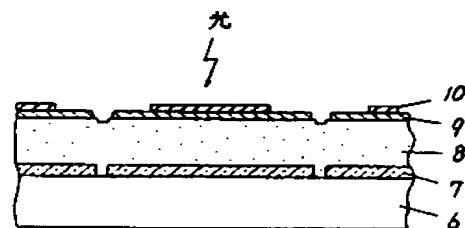
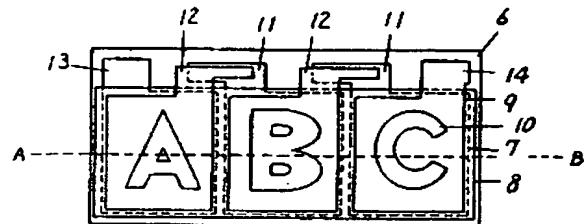
APPLICATION DATE : 22-05-87
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APPLICANT : MATSUSHITA ELECTRIC IND CO LTD;

INVENTOR : MORI KOSHIRO;

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TITLE : AMORPHOUS SOLAR BATTERY



ABSTRACT : PURPOSE: To obtain a solar battery excellent in its fashionability and decorativeness, by disposing a light-transmissive insulator or a metallic thin film, with arbitrarily formed patterns of characters, symbols, figures, and the like on an upper side of a second light-transmissive electrode layer, or between the second light-transmissive electrode layer and an amorphous semiconductor layer, or inside the second light-transmissive electrode layer.

CONSTITUTION: In an amorphous solar battery formed by laminating a first electrode layer 7, an amorphous semiconductor layer 8, and a second light-transmissive electrode layer 9 serially on a substrate 6, a light-transmissive insulator or a metallic thin film 10 with arbitrarily formed patterns of characters, symbols, figures, and the like are disposed on an upper side of the second light-transmissive electrode layer 9, or between the second light-transmissive electrode layer 9 and the amorphous semiconductor layer 8, or inside the second electrode layer 9, so that the characters, symbols, figures, and the like are arbitrarily displayed on a light-receiving screen through the light-transmissive insulator or the metallic thin film 10. SiO_2 , SiC , SiO , MgF_2 , TiO_2 , Al_2O_3 , CeO_2 , Si_3N_4 , Ta_2O_5 , and the like are used for said light-transmissive insulator. Al , Ag , Au , Ti , Cr , Ni , and the like are used to form said metallic thin film by means of evaporation, sputtering, and the like.

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